



U.S. DEPARTMENT OF ENERGY
Office of Electricity Delivery and Energy Reliability
Infrastructure Security and Energy Restoration

ENERGY ASSURANCE DAILY

Tuesday, August 14, 2007

Electricity

Thunderstorms Knock Out Power to 117,000 Xcel Customers in Minnesota August 11

Winds reaching 70 miles per hour knocked down power lines and poles. As of early Sunday, 40,000 customers were still without power in the Twin Cities metropolitan area..

<http://www.lacrossetribune.com/articles/2007/08/11/newsupdate/04storms.txt>

http://wcco.com/topstories/local_story_224103900.html

ERCOT, Texas PUC Issue Advisories, Urge Conservation Amid Heat Wave August 13

The Electric Reliability Council of Texas (ERCOT) said electricity demand could reach a new record of 65,800 MW as temperatures peak between 4:00 p.m. and 8:00 p.m. August 13. ERCOT has issued several market and emergency warnings due to the heat, including a capacity shortage alert that consumption forecast for the afternoon peak exceeds the capability of scheduled generating units by more than 6,000 MW. In addition, ERCOT has issued a transmission alert for the Denton metropolitan area due to forced outages in the area. According to real-time data available on ERCOT's website, the grid had adjusted responsive reserves of 2,768 MW as of 3:00 p.m. local time. The Texas Public Utilities Commission (PUC) has issued a Yellow Conservation Alert for this week due to extreme heat and the risk of a power shortage. Two large coal-fired power plants totaling 933 MW of capacity are offline in Texas on August 13.

Real-Time Data: http://mospublic.ercot.com/ercot/jsp/frequency_control.jsp

Emergency Alerts: http://mospublic.ercot.com/ercot/jsp/emergency_notifications.jsp

<http://oldercot.ercot.com/ercotPublicWeb/Message/DisplayMessage.asp?sKey=13082007110115>

<http://oldercot.ercot.com/ercotPublicWeb/Message/DisplayMessage.asp?sKey=12082007205720>

<http://www.puc.state.tx.us/nrelease/2007/081307.pdf>

Reuters, 13:02 August 13, 2007

Update: PJM Demand Response Set Record During Power Supply Emergency on August 8

Consumers' reductions in the use of electricity, known as demand response, set a record last week in PJM Interconnection during a power supply emergency. PJM reported that 1,945 MW of consumer use of electricity were voluntarily reduced on Wednesday, August 8, the day PJM ordered voltage reductions in its Mid-Atlantic Region. By comparison, the 5 percent voltage reduction lowered use by about 1,000 MW. PJM began urging electricity conservation across 13 states in the Mid-Atlantic and Washington, D.C. after the shutdown of the two unidentified units in eastern Pennsylvania left a thin 700 MW buffer between electricity demand and power plant capacity in the region.

<http://www.pjm.com/contributions/news-releases/2007/20080810-demand-response-record.pdf>

http://www.canadianbusiness.com/markets/market_news/article.jsp?content=D8QUD1D01

AEP's 528 MW Welsh Coal-fired Unit 3 in Texas Shut August 11-16

The company is shutting the unit from August 11 to August 16 to fix a boiler tube leak.

Reuters, 08:42 August 13, 2007

CPS Energy's 405 MW JT Deely Coal-fired Unit 2 in Texas Shut August 11-15

The company is shutting the unit from August 11 to August 15 to fix a boiler tube leak.

Reuters, 08:45 August 13, 2007

TXU's 565 MW Monticello Coal-fired Unit 2 in Texas to Restart August 13

The company plans to restart the unit on August 13. The unit shut on August 12 due to the loss of electrohydraulic control fluid pressure due to a line leak. The company said it replaced the leaking line and restarted the boiler.

Reuters, 09:44 August 13, 2007

TXU's 575 MW Big Brown Coal-fired Unit 1 in Texas to Restart August 10

The unit was scheduled to restart on August 10 after completion of booster fan oil pump repairs.
Bloomberg News, 12:26 August 10, 2007

TVA's 1,155 MW Browns Ferry Nuke Unit 1 in Alabama Shut August 11

The unit shut August 11 after a connection that helps monitor recirculation flow failed. According to a TVA spokesman, the connection has been replaced and the unit is in the start-up process.

Reuters, 09:36 August 13, 2007

Bloomberg News, 13:16 August 13, 2007

Update: Exelon's 619 MW Oyster Creek Nuke Unit in New Jersey Returns to Full Power August 13

The unit was returned to full power by early August 13, up from 70 percent of capacity on August 10. The company reduced the unit to work on a steam line.

Reuters, 07:54 August 13, 2007

PG&E's 1,087 MW Diablo Canyon Nuke Unit 1 in California Shut August 10-14

The company shut the unit to repair a malfunctioning steam stop valve.

<http://www.sanluisobispo.com/breakingnews/story/114693.html>

Dynegy's 754 MW Moss Landing Gas-fired Unit 6 in California Shut August 12

Reuters, 09:36 August 13, 2007

CDWR's 201 MW Hyatt Hydro Unit in California Shut August 12

Reuters, 09:36 August 13, 2007

TransAlta's 381 MW Keephills Coal-fired Unit 2 in Alberta Shut August 13

Reuters, 09:36 August 13, 2007

Petroleum

Update: CDU Back at Full Rates at ConocoPhillips's 190,000 b/d Trainer, Pennsylvania Refinery August 13

According to a company spokesman, the crude distillation unit (CDU) has been successfully restarted and is running at maximum rates. According to traders, the unit was shut about one week ago.

Reuters, 11:59 August 13, 2007

Update: FCCU to Restart This Week at ConocoPhillips's 230,000 b/d Linden, New Jersey Refinery

According to a company spokesman, ConocoPhillips is working on the fluidic catalytic cracking unit (FCCU) and expects to restart the unit this week.

Reuters, 11:59 August 13, 2007

Update: Hydrocracker Restarts at Chevron's 260,000 b/d El Segundo, California Refinery August 10

Chevron had restarted the unit expected to return the unit to full production on August 10. The unit shut on August 8 due to a power outage.

Reuters, 14:32 August 10, 2007

Update: Coffeyville Resources to Restart 108,000 b/d Coffeyville, Kansas Refinery Ahead of Schedule

Repairs are ahead of schedule and Coffeyville officials are "cautiously optimistic" that the refinery will fully restart by the end of August. The company originally anticipated a full restart in mid-September. The refinery shut late June due to flooding from heavy rains.

OPIS Price Watch, 11:44 August 13, 2007

Reuters, 11:15 August 13, 2007

BP Delays Restart of Coker, FCCU, and CDU at 475,000 b/d Texas City, Texas Refinery

According to OPIS, the restart of the second of three 15,000 b/d coker units has been delayed by two weeks. The unit was originally scheduled to restart at the end of July. Media reports indicate that the restart of the 60,000 b/d fluidic catalytic cracking unit (FCCU) unit has been delayed by a month until mid-September and the refinery's 200,000 b/d crude distillation unit (CDU), which was scheduled to restart in September, is now scheduled to restart in November/December.

OPIS Price Watch, 03:55 August 8, 2007

FCCU Shut for Repairs at Alon's 67,000 b/d Big Spring, Texas Refinery August 12

The company shut the 24,000 b/d fluidic catalytic cracking unit (FCCU) to replace the flue gas bundle. The unit is expected to restart on August 15 and be operating at full capacity by August 17. According to a company spokesman, the shutdown will not have an affect on production, as the crude distillation unit (CDU) will not be slowed down while the repairs are made and the company has enough gasoline and diesel in stock to supply its customers.

Reuters, 10:49 August 13, 2007

FCCU in 'Hot Standby' at ExxonMobil's 563,000 b/d Baytown, Texas Refinery August 13

According to an ExxonMobil spokesman, a glitch at the No. 3 fluidic catalytic cracking unit (FCCU) caused no effect on production at the refinery. The repairs were done in "hot standby," meaning that repairs were done while the unit was operating.

Reuters, 11:45 August 13, 2007

Fire Didn't Disrupt Output Last Week at BP's Prudhoe Bay Oilfield in Alaska

According to BP, a fire last week did not affect production at the field. The fire-detection system was switched off because the company was doing corrosion testing using radiography. The system at the gathering center GC-1 has now been turned back on.

Bloomberg News, 06:43 August 13, 2007

Natural Gas

KinderMorgan to Lift Force Majeure on TransColorado Pipeline System August 14

The force majeure at the Dolores Compressor Station on the TransColorado Gas Transmission pipeline system will be lifted effective for gas day Tuesday, August 14, 2007. KinderMorgan declared force majeure on the system on August 4, curtailing available capacity on Segment 220 to 325 MMcf/d, down from a design capacity of 390 MMcf/d, and on Segment 240 to 375 MMcf/d, down from 441 MMcf/d.

http://pipeline.kindermorgan.com/info_postings/notices/crit_index.asp

<http://www.oe.netl.doe.gov/docs/eads/ead080707.pdf>

Compressor Shut at 135 MMcf/d Salt Creek Gas Plant in Texas August 12

According to a filing with Texas Regulators, an acid gas compressor was shut for unscheduled maintenance after water was discovered in the crankcase oil.

<http://www2.tceq.state.tx.us/ee/main/index.cfm?fuseaction=getDetails&target=95762>

U.S. LNG Imports Reached Likely Record of 3.9 Bcf/d August 9

All five LNG import terminals were in operation, some are at maximum volumes.

http://www.energyintel.com/PublicationHomePage.asp?publication_id=9

Williams Holding Open Season to Connect Transco Pipeline with Proposed LNG Import Terminal in Mississippi

A unit of Williams announced today that it is conducting a binding open season August 10 to September 7 for an expansion project designed to connect Williams's Transco natural gas pipeline with the recently authorized Gulf LNG Clean Energy import terminal located near Pascagoula, Mississippi. The Pascagoula Expansion Project will provide approximately 467 MMcf/d of firm transportation service from the import terminal facilities to Transco's Station 85 pool located in Butler County, Alabama.

<http://www.b2i.us/profiles/investor/ResLibraryView.asp?BzID=630&ResLibraryID=21121&Category=55>

Hurricane Alert Issued for Hawaii's Big Island August 13

The National Weather Service placed the Big Island under a hurricane watch this morning, meaning hurricane conditions were possible within 36 hours. Hurricane Flossie is moving toward Hawaii's Big Island with a sustained wind speed of 140 mph. Forecasters said they expect Flossie to pass by islands, particularly the southern portion of the Big Island, as a Category 3 hurricane with sustained winds of at least 111 mph.

http://seattletimes.nwsources.com/html/travel/2003834331_webhawaiihurricane.html

Nova Biosource Fuels Inc. To Start-up 20 Million Gallon Per Year Biodiesel Refinery in Mississippi in September

<http://www.novaenergyholding.com/press/press.aspx>

Energy Prices

U.S. Oil and Gas Prices			
August 14, 2007			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	72.12	72.56	74.25
NATURAL GAS Henry Hub \$/Million Btu	7.15	6.10	7.94

Source: Reuters

Energy Notes

Con Edison's Assets May be Examined as New York City Officials Propose Commission to Study City Infrastructure

http://biz.yahoo.com/ap/070813/ny_infrastructure_panel.html?v=1

Nashville Electric Service Cuts Power to 750 Customers to Fix Substation in Tennessee After Copper Wire Theft

<http://www.wkrn.com/nashville/news/nes-schedules-power-outage-for-some-south-nashville-residents/111811.htm>

California PUC Proposes Financial Incentives for Utilities to Get Customers to Conserve Energy

<http://powermarketers.net/contentinc.net/newsreader.asp?ppa=8knpp%5E%5BnutilmhRTebt%3EEvbfem%5Ev>

MMC Energy Files CEC Upgrade Permit for 100 MW Chula Vista Plant in California August 10

<http://biz.yahoo.com/pz/070810/124773.html>

Pipeline Leaks 100 Gallons of Gasoline at BP's Texas City, Texas Refinery August 10

Bloomberg News, 05:48 August 13, 2007

Natural Gas Fumes Released After Construction Crews in Iowa Hit Gas Main, Surrounding Area Evacuated August 11

http://www.zwire.com/site/news.cfm?newsid=18687578&BRD=2703&PAG=461&dept_id=553867&rfti=6

PdVSA Oil Rig Explodes in Eastern Venezuela August 10

Reuters, 10:46 August 11, 2007

Norway Investigates Lethal Accident on Offshore Lifting Facility at Tordis Oilfield

http://www.rigzone.com/news/article.asp?a_id=48895

Gang War Enter Sixth Day in Port Harcourt, Nigeria August 11

Reuters, 10:53 August 11, 2007

Links

This Week in Petroleum from the Energy Information Administration (EIA)

<http://tonto.eia.doe.gov/oog/info/twip/twip.asp>

Updated every Wednesday.

Weekly Petroleum Status Report from EIA

http://www.eia.doe.gov/oil_gas/petroleum/data_publications/weekly_petroleum_status_report/wpsr.html

Updated after 10:30 AM & 1:00 PM EST every Wednesday.

Natural Gas Weekly Update from EIA

<http://tonto.eia.doe.gov/oog/info/ngw/ngupdate.asp>

Updated after 2:00 PM EST every Thursday.

ENERGY ASSURANCE DAILY

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<http://www.oe.netl.doe.gov/index.aspx>.

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